

FOR MYSORE STATE

P.W. (1954) Department.

Ms SERIES.

G.O. No. 3016

Dated 28-8-54

close
day

P.
31.854

[Despatch Abstract.]

Ports - Mangalore - Repairs to T.S.T. Charles
Hinderson - R.E. for Rs. 40,000/- -
Sanctioned

64848

From:
L.H.Cornish Esq.,
State Port Officer,
P.B.No.13,
Madras.

To:
The Secretary to Government,
Public Works Department,
Madras.

No.963 A/54-1 dated 4th August 1954.



Mangalore Port - Landing and Shipping Fund -
Revised estimate amounting to Rs.40,000/- for
repairs to T.S.I. 'Charles Henderson' - Sanction
requested - G.C.Ms.No.4428 P.W. dated 26-11-1953.

P5.
9 (K)

~~Sixx~~ I forward herewith for early sanction of Govern-
ment a revised estimate amounting to Rs.40,000/- for
'Repairs to T.S.I. Charles Henderson' at the port of
Mangalore duly scrutinised by the Inspecting Dredging
Engineer and countersigned by me in supersession of the
estimate for Rs.30,000/- sanctioned in the G.O. cited
above.

* p/s see column 8 of
C.R. for a/c
pp 7-19

2. The Report to accompany the estimate explains the
necessity for the revision. The approval of the Port
Conservancy Board, Mangalore, to the additional expen-
diture of Rs.10,000/- is being sought and will be commu-
nicated to Government on receipt from the Port Officer
Mangalore.

3. As there is a provision of Rs.30,000/- only for the
above work in the budget estimate of the State Mangalore
Landing and Shipping Fund for 1954-55, I request that
Government may be pleased to sanction the extra amount of
Rs.10,000/- required by reappropriation from the cash
closing balance of the fund for the year 1954-55.

Yours faithfully,

State Port Officer.

Encl: 1 copy of revised estimate.

REPORT TO ACCOMPANY THE ESTIMATE.

3

On the suggestion of the Port Conservancy Board members Engineer and Ship Surveyor, Madras, was requested to give his opinion on the repair works, that are being carried out for Tug Charles Henderson on the original estimate. The Engineer and Ship Surveyor, Madras, in his report has now pointed out several other items of work, that are not provided in the original estimate. Hence the necessity for this revised estimate.

Abraham

INSPECTING DREDGING ENGINEER.

ESTIMATE FORM—Detail Measurements, etc.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents	Total quantity of each description of work.
		Length.	Breadth	Depth.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
REVISED ESTIMATE FOR THE WORK OF REPAIRS TO T.S.T. CHARLES HENDERSON AT THE PORT OF MANGALORE.						
I. M.S. Plates of sizes (supply).-						
(a) As per original estimate						20.49 Cwts
(b) -do-						5.87 "
(c) to (i) -do-						168.80 "
(j) Port and starboard hull plates	12	8'-0	4'-0	1/4"	384 S'	
(k) Deck stringer plates	8	8'-0	4'-0	1/4"	256 "	
(l) Bulwark and floor plates	6	8'-0	4'-0	1/4"	192 "	
					832 S'	75.77 Cwts
(m) Plates for repairs to crew lavatory and kitchen	4	3-0	2-0	1/4"	24 S'	
-do-	3	3-0	3-0	1/4"	27 "	
					51 S'	4.64 "
<i>Total items C to m</i>						249.21 Cwts
(n) Funnel outer casing plates	7	8-0	4-0	1/8"	224 S'	10.20 "
(o) Plates for renewing smoke box	4	4-9	2-3	1/8"	42.75	
-do-	1	12-0	1-6	1/8"	18.00	
-do-	2	5-0	3-6	1/8"	35.00	
(p) Plates for repairs to the engine and boiler casing	1	8-0	4-0	1/8"	32.00	
					127.75 S'	5.81 "
<i>Total items n to p</i>						16.01 "
II. M.S. Angles of sizes (supply).-						
(a) to (d) As per original estimate.						42.20 Cwts
(e) -do-						5.69 "
(f) M.S. angle for reversal frames		2 1/2"	2 1/2"	1/4"	300'	10.82 Cwts
(g) For smoke box		2 1/2"	2 1/2"	1/4"	14'	0.55 "
(h) -do-		2"	2"	1/4"	45'	1.28 "
(i) for lavatory and kitchen		2"	2"	1/4"	38'	1.08 "
Total of items II(f) to (i)						13.73 Cwts

ESTIMATE FORM—Detail Measurements, etc.

Detail of work. (1)	Number. (2)	MEASUREMENTS IN FEET.			Area or contents. (6)	Total quantity of each description of work. (7)
		Length. (3)	Breadth. (4)	Depth (5)		
--2--						
III. M.S. Plates wrought and fixed.-						
(a) vide item I(a)						20.49 Cwts
(b) -do- I(b)						5.87 "
(c) -do- I(c) to (m)						249.21 "
III(A) M.S. Angle wrought and fixed.-						
Vide item II(a) to (i)						61.62 "
IV. Hand cutting M.S. plates						
(a) 5/16" thick plate as per original estimate						150 Ft.
(b) 3/8" -do-						50 Ft.
(c) 1/4" -do-					800 Ft	
1/4" -do- under item I(j) to (m)					300 "	
					1100	1100 Ft
(d) 1/8" -do- under item I(n) to (p)						300 ft.
V. Bending M.S. plates of sizes.						
(a) 1/4" thick plate as per original estimate					20 cwt's	
1/4" thick plate under items I(j) to (m)					10 "	
					30-	30 Cwts
(b) 5/16" thick plate as per original estimate						10 "
(c) 3/8" -do-						5 "
(d) 1/8" -do- under items I(n) to (p)						12 "
(e) 2"x2"x1/4" angle - 20 Rft						1/2 "
VI(a) M.S. Rivets 5/8" dia. assorted						
lengths - as per original estimate					22 cwt's	
M.S. Rivets of assorted sizes - since required					5 "	
					27	27 Cwts
(a1) M.S. Rivets 1/2" & 3/8", 28 lbs each size						1/2 Cwt.

ESTIMATE FORM—Detail Measurements, etc.

7

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
VI(b) Cutting old 5/8" rivets to remove old angles and plates - as per original estimate					10000	
Since required due to additional work					3000	
					13000	13000 Nos.
(b1) Cutting old 1/2" and 3/8" rivets to remove old iron					300	300 Nos.
(c) Putting in new rivets 5/8" dia. after heating and rivetting - as per original estimate					10000	
Since required due to additional work					3000	
					13000	13000 Nos.
(c1) Putting in new rivets 1/2" and 3/8" dia. and rivetting (due to additional work)						300 Nos.
VII. Hand drilling holes.						
5/8" dia. - as per original estimate						15000 Nos.
(a) Drilling holes in 1/4" thick plate						5000 Nos.
(b) Drilling holes in 1/2" & 3/8" dia. in 1/8" thick plate						300 Nos.
VIII. Cropping M.S. plate 1/4" thick As per original estimate						100 ft.
IX. Caulking M.S. Plate 1/4" thick As per original estimate						600 ft.
X. Bohvo wood for fenders wrought and fixed. As per original estimate						155.5 Cft
XI. Bohvo wood for deck planking wrought and fixed. As per original estimate						105 Cft.
XII. Fender bolts 5/8" x 6". As per original estimate						0.5 Cwts
XIII. Deck bolts 1/2" x 2" As per original estimate						1 Cwt.
XIV. Welding 1/8" thick M.S. Plates Funnel casing and engine and boiler casing						250 ft.

ESTIMATE FORM—Detail Measurements, etc.

Detail of work. (1)	Number. (2)	MEASUREMENTS IN FEET.			Area or contents. (6)	Total quantity of each description of work. (7)
		Length. (3)	Breadth. (4)	Depth (5)		
-4-						
XV. New C.I.condensor door to be cast to sample with all the necessary holes drilled and flanges machined.					Lump	Sum
XVI. G.I.bilge pipes as per old ones including cost of pipes, bends etc. including use of serviceable fittings					Lump	Sum
XVII. Donkey pump piston rings as per sample, but to suit the bore of the pump of cylinder..						2 Nos.
XVIII. Rudder pins of M.S. to be made as per sample with nuts						2 Nos.
XIX. West cock holes to be tapped, to suit new cocks including cost of tap						3 Nos.
XX. Renewing copper scraper pipes with flanges including bending cutting and threading to suit flanges						4 Nos.
XXI. Renewing one gauge cock plug, also fitting and grinding same					Lump	Sum
XXII. Brass bolts and nuts 5/8" dia. and 3 1/2" long for main injection valve chest						5 Nos.
XXIII. C.I.bunker door rings to be cast and supplied with necessary machining and hole drilling.						4 Nos.
XXIV. Tail end shafts to be manufactured from 4" dia. mild steel shafting, 13 feet long with complete machining as per sizes.						2 Nos.
XXV. Repairs to Electric installation						Lump Sum
XXVI. Unforeseen contingencies including lifting of boiler out of the vessel					Lump	sum.

ESTIMATE FORM - Comparative Statement of Difference 9

Description of work	Item No	Original Estimate		Revised Estimate		Difference	
		Quantity	Rate	Quantity	Rate		
M.S. Plates of Sines - (Supply)	1						
Keel Plating	2	320.49 cuts	214/-	20.49 cuts	492		
Sroe Plating	(b)	5.87 cuts	26-6-0	5.87 cuts	156		
Bottom Plating + floor	(c)	168.80 cut	24-0-0	249.21 cuts	5981	1780	
belge keel, bulwark	(m)						
Deck strings etc							
Funnel casing smoke	(n)	-	-	16.01 cuts	480	180	
box, engine and boiler	(p)						
Casing							
M.S angles of Sines (Supply)	II (a)	42.2 cuts	25-0-0	42.2 cuts	1055		
"	(b)	5.69 cuts	28-0-0	5.69 cuts	159		
"	(c)			13.73 cuts	343		
"	(d)-(i)						
M.S. Plates wrought and fixed (Labor only)	III (a)	20.49 cuts	27-8-0	20.49 cuts	451		
"	(b)	5.87 cuts	30-2-0	5.87 cuts	129		
"	(c)	168.80	25-0-0	249.21 cuts	51071	889	
carried over		10873		14355	3642	160	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
M.S angle wrought and fixed		B.F 10873	-	-	-	61.62 cwt's	20-0-0 CWT	122	1224	160
Hand cutting M.S. Plates } 5" thick	IV (a)	150 ft	50-0-0 100 ft	75	150 ft	37-8-0	26	-	-	19
" " 3/8" "	(b)	50 ft	60-0-0 100 ft	30	50 ft	50-0-0	25	-	-	5
" " 1/4" "	(c)	800 ft	40-0-0 100 ft	320	1100 ft	35-0-0	385	65	-	-
" " 1/8" "	(d)	-	-	-	300 ft	20-0-0 100 ft	60	60	-	-
Bending M.S. Plates 1/4" thick	V (a)	20 cwt	35-0-0 cwt	700	30 cwt	36-0-0	1080	380	-	-
" " 5/16" "	(b)	10 "	40-0-0 cwt	400	10 cwt	40-8-0	405	5	-	-
" " 3/8" "	(c)	5 "	45-0-0 cwt	225	5 cwt	50-0-0	250	25	-	-
" " 1/8" "	(d)	-	-	-	12 cwt	25-0-0 cwt	300	300	-	-
" M.S angles 2"x2"x1/4"	(e)	-	-	-	1/2 cwt	50-0-0 cwt	25	25	-	-
M.S. rivets 5/8" dia assorted lengths	VI (a)	22 cuts	50-0-0 cwt	1100	27 cwt's	50-0-0	1350	250	-	-
" " 1/2 and 3/8" dia	VI (a)	-	-	-	1/2 cut	80-0-0	40	40	-	-
Cutting old 5/8 rivets to remove }	(b)	10000 Nos	25-0-0 100 No	2500	13000 Nos	31-4-0	4063	1563	-	-
old angles and plates								75	75	-
Cutting old 1/2" & 3/8 rivets to remove old iron	(b)	-	-	-	300 Nos	25-0-0 100 Nos				
								23693	7657	184
								E.O.	16223	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	13
Putting in new rivets $5/8"$ dia after heating and rivetting		<u>VI</u> (c)	10000 Nos	B.F. $37-0-0$ 100 Nos	16223 3700	13000 Nos	31-4-0	23693 4063	7654 363	184	
" " $1/2"$ & $3/8"$ dia rivets (c)			-	-	-	300 Nos	25-0-0	75	75	-	
Hand drilling holes $5/8"$ dia		<u>VII</u>	15,000 Nos	$4-0-0-0$ 100 Nos	6000	15000 Nos	25-0-0	3750	-	2250	
Hand drilling holes in $1/4"$ plate (a)			-	-	-	5000 Nos	25-0-0	1250	1250	-	
" " " $1/2"$ & $3/8"$ dia (b)			-	-	-	300 Nos	11-0-0	67	67	-	
" " " in $1/8"$ thick plates			-	-	-	-	-	-	-	-	
cropping M.S. Plates $1/4"$ thick		<u>VIII</u>	100 ft	$1-8-0$ 1 ft	150	100 ft	2-0-0	200	50	-	
caulking M.S. plate $1/4"$ thick		<u>IX</u>	600 ft	$2-0-0-0$ 100 ft	120	600 ft	25-0-0	150	30	-	
BOROU wood for fenders wrought and fixed		<u>X</u>	155.5 cft	$10-0-0$ 1 cft	1555	1555 cft	5-0-0	1400	-	155	
BOROU wood for deck planking wrought and fixed		<u>XI</u>	105 cft	$13-0-0$ 1 cft	1365	105 cft	12-0-0	1260	-	105	
Fender bolts $5/8" \times 6"$		<u>XII</u>	0.5 c wts	$55-0-0$ 1 cwt	28	0.5 c wts	55-0-0	28	-	-	
					C.O.	29141		35926	9479	2694	

Renewing copper scraper
pipes with flanges including
banding cutting and threading
to suit flanges

	B. F	29211		36649	10132	2694
<u>XX</u>	-	-	Amos	$\frac{26-4-0}{\text{each}}$	105	105
						-

Renewing one gauge cock
plug, also fitting and grinding
same.

XXI	-	-	-	L.S.	L.S.	32	32	-
-----	---	---	---	------	------	----	----	---

Brass bolts and nuts $5/8$
dia & $3\frac{1}{2}$ " long for main
injection valve chest

$\frac{XXII}{-}$
 $\frac{25-0-0}{\text{Each}}$
 $\frac{270}{270}$
 $\frac{60}{270}$

C. 9. Bunker doorings to be cast and supplied with necessary machining and hole drilling

X XIII - - - 4 nos $\frac{45-0-0}{\text{Each}}$ 270 270 -

Tail end shafts to be
manufactured from 4" dia

XXIV - - - 2 no 500/- 1000 1000 -
Each

38116 11599 2694-

Co 29211

B. F. 29211

38116 11599 2694

Dia mild steel shafting
13 ft long with complete
machining as per sizes

Repairs to Electric installation
Unforeseen contingencies
including lifting boiler
out of the vessel.

XXV

L.S. L.S. 790

1000/- 1000/-
~~384~~ 94 -
884

30,001
or

Total: 30000

~~30000~~ 11692 2694
40000 12693

Deduct amount of estimate already
sanctioned

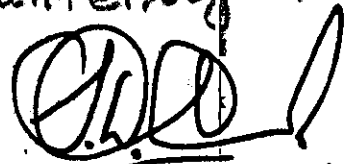
Net amount requiring sanction

30000

~~40000~~
10000

Abrahams
Inspecting Dredging Engineer.

Countersigned.



State Port Officer.

C.No.64848 F/54.

P.W.D. (F1)

Ports - Mangalore - Repairs to
T.S.T. "Charles Henderson" -
Revised estimate for Rs 40,000/-
- Sanctioned.

Read again:

G.O.Ms.No.4428 P.W.,
dated 26-11-1953.

Read also:

From the S.P.O. Letter
No.963 A/54-1 dated 4-8-54.
.....

ORDER MS.NO. 3016 P.W.DATED 28/8/54

The Government sanction the
revised estimate amounting to
Rs 40,000/- (Rupees forty thousand
only) for carrying out certain
repairs to T.S.T. "Charles Henderson"
at the port of Mangalore, in super-
session of the estimate for
Rs 30,000/- sanctioned in G.O.Ms.
No.4428 P.W. dated 26-11-1953.

2. The S.P.O. is informed^{that} as
the Budget estimates for the Mangalore
Landing and Shipping Fund for
1954-55 have not yet been sanctioned,
the question of reappropriating from
the cash closing balance of the Fund,
of the additional funds required for
the work does not arise. He is
informed that necessary increased
provision will be made in the Budget
when it is approved by the Government.

To the S.B.O.

To the Examiner of Local Fund Accts.

Copy to Budget File (P.W.D.-F)

25/8/54
25-8-54

26-8-54

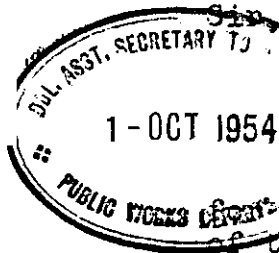
26/8/54

76933

From:
L.H.Cornish Esq.,
State Port Officer,
P.B.No.13,
Madras-1.

To:
The Secretary to Government,
Public Works Department,
Madras.

No.963 A/54-4 dated 30th September 1954.



Mangalore Port - Repairs to T.S.T. 'Charles Henderson'
Revised estimate for Rs.40,000/- sanctioned in G.O.Ms.
No.3016 P.W. dated 28-8-54. - p21cl (K) - 123 mtr

With reference to the G.O. cited above, I enclose herewith
in favour of information a copy of resolution No. nil (Special)
of the meeting of the Port Conservancy Board, Mangalore dated
20-9-54.

The criticism of the Port Conservancy Board of the action of
the Government is uncalled for as the revised estimate involving
additional expenditure was necessitated by survey requirements of
the Engineer and Ship Surveyor, Madras and the sanction of the
Government to the revised estimate in question at an early date was
essential in view of the tug being required urgently for services
at the port.

Yours faithfully,

PWD (F)

State Port Officer.

no action appears called for.
may be filed with G.O.Ms. 3016 P.W. (S)

Encl:1.

AT/30.

5/10/54

7.10.54

3

Copy of Resolution No. - Special of the Port Conservancy Board
Mangalore dated 20th September-1954.

p1 of 1 @ C.O. No 216 PW
28.9.54

SPECIAL - Read copy of revised estimate for repairs to the 'Charles
Henderson' along with State Port Officer's letter to
Government No.963 A/54-1 dated 4-8-1954 and also this
office note dated 30-8-1954 on the opinion expressed
by some of the members regarding revised estimate.

Note: The revised estimate for Rs.40,000/- has since
been sanctioned by Government - (Sanctioned
Revised Estimate enclosed).

"The Board feels that the action of the Government
in sanctioning the revised estimate for Rs.40,000/-
without the approval of the Board or giving the
Board an opportunity to discuss the subject is
regretted."

(Copy)

Port office, Mangalore.)
P.B.No.146.)
Dated 27th September 1954.)
NA.27/9.

R. Henderson 27/9

3 Port Officer.

Ports - Mangalore - Repairs to T.S.T. "Charles Henderson" - Revised estimate for Rs 40,000/-.

From the State Port Officer Letter No.963A/54-1 dated 4-8-1954.

.....

In G.O.Ms.No.4428 P.W. dated 26-11-1953, the Government sanctioned an estimate for Rs 30,000/- for carrying out certain repairs to the tug "Charles Henderson" at the port of Mangalore. The S.P.O. has since revised the estimate to Rs 40,000/- including therein certain new items of work with reference to the suggestions of the Engineer and Ship Surveyor, Madras (i.e. Principal Officer, Mercantile Marine Deptt.) and has requested the sanction of Government to the revised estimate. He has also stated that the draft Budget for 1954-55 for the Mangalore Landing and Shipping Fund (under the consideration of Government) contains a provision of only Rs 30,000/- for the above works, and he has requested the Government to sanction the reappropriation from the cash closing balance of the Fund for the year 1954-55, of the additional amount of Rs 10,000/- required for the execution of the work.

2. In the circumstances stated the revised estimate for Rs 40,000/- may perhaps be sanctioned. As regards the additional funds required, it is submitted that as the Budget Estimates for the Mangalore Landing and Shipping Fund for 1954-55 have not yet been sanctioned by Government the question of reappropriating from the cash closing balance the additional funds required does not arise. The provision of Rs 30,000/- made by the S.P.O. in the draft Budget may be revised to Rs 40,000/- when the Budget Estimates are approved. The S.P.O. may be informed accordingly. Draft order below is for

(P.T.O.)

pick

1-50-1-11

Pl. see col. 8 of
the annual report
or Pp. 7-19 of

Pl. see p 308

para 30
p 108

File no.
50103 F/54.
(not linked)

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